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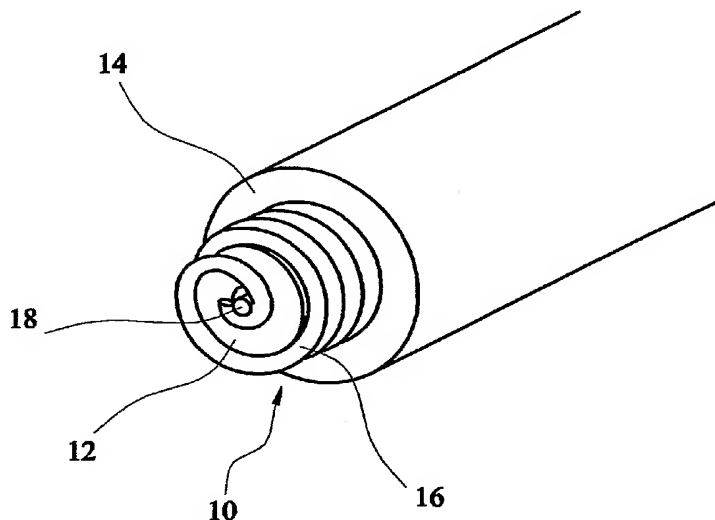
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(54) Title: CURRENT MEASUREMENT APPARATUS



(57) **Abstract:** The current measurement apparatus comprises a Rogowski coil (20) comprising a wire or conductor which forms a coil (22) and returns through the coil (22) as a central conductor. The coil (22) and the central conductor are formed from a single conductor or wire and, therefore, no electrical join (for example, a solder join or crimp) is required at the end of the Rogowski coil. The wire (28) used to form the coil (22) and the central conductor (24) is insulated prior to forming the Rogowski coil. The insulated coating (30) provides better insulation between individual coils and also helps to provide a more even spacing between the coils.

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